



**PROPOSED TYPICAL SECTION**  
**NORTH 59TH STREET**  
 (NOT TO SCALE)

- ① LIME MODIFIED SOIL
- ② SUB-BASE GRANULAR MATERIAL
- ③ PC CONCRETE PAVEMENT
- ④ PC CONCRETE SIDEWALK



PROPOSED  
TYPICAL SECTION

EXHIBIT

3

RECEIVED  
FEB 20 2001  
Illinois Commerce Commission  
RAIL SAFETY SECTION

# RESUME'S

- Education:** Master of Engineering, Civil Engineering  
Bachelor of Science, Civil Engineering  
University of Louisville, 1975
- Registration:** Professional Engineer: Illinois, Missouri, Kentucky, Indiana  
Professional Land Surveyor: Illinois, Kentucky
- Membership:** American Society of Civil Engineers  
Illinois Association of Highway Engineers  
National Society of Professional Engineers  
Illinois Society of Professional Engineers  
Society of American Military Engineers

Mr. Oates is President of Oates Associates, directing all operations of the firm. Under his direction, Oates Associates performs survey, civil and structural design, plan preparation and construction administration and testing for state and local highway and bridge projects, municipal utility and drainage projects, major state institutional construction and rehabilitation and commercial property developments. Mr. Oates maintains principal involvement in Oates Associates' major transportation projects, assisting project managers and reviewing quality assurance measures.

Mr. Oates is currently providing principal oversight and quality assurance for the new Mississippi River Bridge project in St. Clair County, IL – I-70 Relocation from IL Route 203 to Relocated Route 3. The project involves designing over 1 mile of new interstate, including 9 new bridge structures. Mr. Oates is also heavily involved in transportation improvement studies, including the following:

- ◆ IL 157 Resurfacing and Grade Separation, IDOT District 8 – 2-mile resurfacing project that includes a new bridge carrying 5-lane IL 157 over a rail line
- ◆ Edwardsville Street Development Plan, Edwardsville, IL - In response to rapid development and the associated traffic impacts east of IL-159, a study of approximately 2,150 acres in an unincorporated area was conducted. This study provided long range transportation data to assist the City of Edwardsville in decisions about both new development projects and improvements to the study area road network.
- ◆ Schoolhouse Trail Bikeway, Madison County, IL - Project Development Report, Design Report, Drainage Reports and design of a new 32-mile long bike trail to be constructed on an abandoned railroad alignment.
- ◆ Alternatives Analysis and Draft EIS for the 25-mile Metrolink extension from East St. Louis to Scott Air Force Base. Alternatives investigated include improving existing bus system and highway facilities, constructing a new busway and extending existing light rail system.

Other major transportation improvement studies completed under Mr. Oates management as Project Principal include:

- ◆ Calhoun County Access Study- Calhoun County, IL- Initiated by the 1993 flood, this study evaluated alternatives to provide improved access across the Illinois and Mississippi Rivers into Calhoun County in a twenty-mile corridor from Grafton to Hardin, IL.
- ◆ Kankakee ByPass Feasibility Study - Kankakee, IL - Study of alternative routes and cost effectiveness for a new twelve mile, four-lane divided bypass highway around the west side of Kankakee, IL.
- ◆ FAI 55/70/US 40 Interchange, Troy, IL - Design Report and Environmental Assessment for the reconstruction of a major interchange to improve safety and provide additional access.
- ◆ IL Route 3 (Columbia ByPass), Columbia, IL - Design Report and Environmental Assessment for the widening of the four mile bypass from two lanes to a four-lane divided highway, including a new interchange at I-255.

Mr. Oates has also served as Project Principal or Project Manager on a significant number of major transportation design projects. These include:

- ◆ IL Route 15 Reconstruction, Mt. Carmel, IL - 1.67 mile reconstruction involving adding a third, bi-directional turn lane, resurfacing and drainage improvements.
- ◆ Seven Hills Road, O'Fallon, IL - One mile extension of arterial highway with new railroad grade separation structure.
- ◆ FAP 310 (I-255 Extension) Madison County, IL - Design of four miles of new expressway with eight bridges and an interchange.
- ◆ I-255 Mousette Lane Interchange, Centreville, IL - Design of a new interchange for access to Bi-State Parks Airport.
- ◆ FAI Route 255, Madison County, IL - Design of six miles of new expressway with four bridges and two interchanges.
- ◆ North-South Tollway, Chicago, IL - Planning and design of noise abatement walls and landscaping for a new thirteen mile toll highway.
- ◆ Northwest Tollway, Winnebago County, IL - New East Riverside Boulevard Interchange.

- ◆ Tri-State Tollway Plaza 39 Reconstruction - Design of the reconstruction of a fourteen lane toll plaza into two separate twelve lane plazas, widening of three miles of toll highway from four lanes to six lanes and the widening of two bridges.
- ◆ FAP Route 412, Woodford & Marshall Counties, IL - Design of four miles of new 4-lane freeway with two bridges and an interchange.

The following projects are examples of site development projects previously or currently under Mr. Oates direction:

- ◆ Mermet Lake Levee Rehabilitation, Massac County, IL – Rehabilitation and widening of 7,500 foot long levee, reconstruction of 2 miles of park road and rehabilitation / replacement of six 100 ft. deep ground water wells.
- ◆ Chester Mental Health Center Fence Replacement & Recreational Yard Upgrade, Chester, IL – Replace perimeter fencing with new 15' high arch type security fencing and expand & upgrade recreational yard.
- ◆ Edwardsville Parking Master Plan, Edwardsville, IL – Planning to maximize utilization of 125,000 s.f. parking lot in Downtown Edwardsville.
- ◆ Park and Ride Lots, Madison County Transit District - Rehabilitation of 5 park-and-ride lots throughout Madison County, totaling over 400 spaces.
- ◆ Pere Marquette State Park, Jersey County, IL - Site Improvements Including 2,500 ft. of New Concrete Roadway, Parking, Sidewalks, Picnic Shelters, Public Restrooms, Water Line Extension, and Trail Heads.
- ◆ Piasa Creek Boat Ramp, Alton, IL - Relocation and Reconstruction of the Parking Lot at Piasa Harbor on the Mississippi River.
- ◆ Frank Holten State Park, St. Clair County, IL - Reconstruction and Expansion of a 175-space Parking Lot, Including Lighting and Landscaping
- ◆ Gateway Convention Center, Collinsville, IL - 500-Space Parking Lot Expansion.

**Education:** Bachelor of Science, Civil Engineering Technology  
Southern Illinois University, Carbondale, 1974  
Bachelor of Science, Civil Engineering  
Southern Illinois University, Edwardsville, 1997

**Registration:** Professional Engineer: Illinois  
Professional Land Surveyor: Illinois

**Membership:** Illinois Professional Land Surveyors Association  
American Public Works Association  
Illinois Society of Professional Engineers

Mr. Goepfert is a Senior Civil Engineer for Oates Associates, Inc. He is involved primarily with municipal street and storm sewer projects. Currently he is involved in survey, civil design, plan preparation, right of way documents and construction inspection for state agency projects, highway and bridge design for local agency improvements, and utility and drainage for local municipalities. Projects currently under his direction as project manager include:

- ◆ South 59<sup>th</sup> Street, Belleville, IL – Reconstruction and realignment of 2,300 feet of South 59<sup>th</sup> Street and the milling and resurfacing of 1,300 feet of West Main Street.
- ◆ South By-Pass (IL Route 159 to IL Route 143), Edwardsville, IL - Construct new road along new alignment to provide 2 through-traffic lanes and a bi-directional left turn lane.
- ◆ Troxler Avenue & IL Route 160, Highland, IL – Reconstruction of 3,200 feet of existing Troxler Avenue and the widening of 1,400 feet of IL Route 160.
- ◆ Goshen Road, Edwardsville, IL – Reconstruction of 4,400 feet of urban roadway.
- ◆ Rueck Road, Columbia, IL - Reconstruction of 1.5 miles of rural and urban roadway.
- ◆ North Douglas Avenue, Belleville, IL - Reconstruction of 1,300 ft. of 3-lane section of urban street.

He has significant experience in urban roadway and storm sewer projects. The following jobs were previously completed under his direction:

- ◆ Koepfli Lane/Troxler Avenue and Illinois Route 143, Highland, IL - Reconstruction/realignment of 1.2 miles of urban roadway with intersection improvement(s), traffic signals, widening/resurfacing 0.9 miles of State Route 143 and widening 0.3 miles of State Route 160.
- ◆ Saxton Walnut Grove & Saxton SM-12, Saline County, IL - Reclamation of 900 acres at 2 abandoned mine sites.

- ◆ Park Hill Drive Over Laurel Branch, Highland, IL - Construct new three-sided precast concrete bridge structure.
- ◆ Seven Hills Road, O'Fallon, IL - One mile extension of arterial highway with new railroad grade separation structure.
- ◆ Greenmount Road (Little Oak Lane), St. Clair County, IL – Reconstruction / Realignment of 2.27 miles of rural roadway with two intersection improvements, traffic signals and an at-grade railroad crossing.
- ◆ Southwind Drive, St. Clair Township, IL - Reconstruction of 0.4 miles of rural roadway.
- ◆ Meet the Need, Belleville, IL - Construction of 6 new tennis courts and parking facilities at Althoff Catholic High School and reconstruction of existing tennis courts at Belleville West High School.
- ◆ Chenot Place, St. Clair Township, IL - Reconstruction of six subdivision streets.
- ◆ Hemlock Street (West Highland By-Pass), Highland, IL - Reconstruction/Extension of 1,500 ft. of urban street including an at-grade railroad crossing.
- ◆ Laurel Branch Storm Sewer Improvements, Highland, IL - Construction of 3,300 ft. of storm sewer improvements.
- ◆ Old Vincennes Road, O'Fallon Township, IL - Reconstruction/Realignment of 1.4 miles of urban roadway.
- ◆ Scott Field-Troy Road, St. Clair County, IL - Widening and resurfacing of 1,400 ft. of rural road.
- ◆ North 6th Street, Belleville, IL - Reconstruction of 1,000 ft. of urban street.
- ◆ Sycamore Street, Collinsville, IL - Reconstruction of 1,900 ft. of urban street.
- ◆ Pyramid Coal Company, Perry County, IL - Reclamation of 300 acre mine site.
- ◆ Old Collinsville Road Extension, Belleville, IL - Construction of 2,100 ft. of new 3-lane urban highway, traffic signal installation and modifications and a new at-grade railroad crossing.
- ◆ North Douglas Avenue, Belleville, IL - Reconstruction of 1,300 ft. of 2-lane urban street.
- ◆ West Main Street, Belleville, IL - Widening and resurfacing of 5.9 miles of 5-lane urban highway.

- ◆ West Main Street Stormwater Separation, Belleville, IL - Construction of 2.5 miles of storm sewer.
- ◆ Interurban Stormwater Separation, Belleville, IL - Construction of 1.2 miles of storm sewer.
- ◆ West Main at 6th Street Traffic Signals, Belleville, IL - Installation of new traffic signals.
- ◆ East Main Street, Belleville, IL - Reconstruction of 0.7 miles of urban road and construction of new pedestrian crossing signal.
- ◆ Schlueter Road Bridge Replacement, St. Clair County, IL - Construct new bridge and roadway approaches.
- ◆ Robinson School Road Bridge Replacement, St. Clair County, IL - Construct new bridge and roadway approaches.
- ◆ Stephen A. Forbes State Park, Marion County, IL - Rehabilitate existing dam.
- ◆ Piasa Creek Boat Access, Perry County, IL - Construct boat ramp and resurface parking lot.
- ◆ Westfield Plaza Intersection, Belleville, IL - Widening and resurfacing of 1,800 ft. of roadway and installation of new traffic signal.



WILLIAM E. POLKA, P.E.  
COUNTY ENGINEER OF ST. CLAIR COUNTY

- A) Civil Engineer, Department of Transportation, State of Illinois, District 8
  - 1. Construction Resident Engineer
  - 2. Planning Department
  - 3. Local Roads and Streets
- B) St. Clair County, State of Illinois
  - 1. Assistant County Engineer, 1979 to 1985
  - 2. County Engineer, 1985 to present
  - 3. Southwestern Illinois Planning Commission Executive Committee
  - 4. East-West Gateway Coordinating Council (presently Co-Chairman of the Transportation Planning Committee)
  - 5. Leadership Council, Southwestern Illinois Transportation Committee
  - 6. Bi-State Development Authority Technical Committee for Metro-Link Lightrail System.
  - 7. Member Technical Committee of the Regional Storm Water Committee
  - 8. 9-1-1 Committee Member
  - 9. Technical Committee for the new Mississippi River Bridge from St. Clair County to the City of St. Louis

### III. EDUCATION, INCLUDING COLLEGES ATTENDED AND DEGREES RECEIVED

- A) 2 Years, Southern Illinois University
- B) 3 Years, University of Missouri, Rolla, BSCE
- C) 12 Hours, University of Missouri, Rolla, towards Masters in Business Administration
- D) Continuing Education
  - 1. Northwestern University Traffic Institute
    - a) Traffic Engineering Seminar
    - b) Legal Liability and the Highway Professional
  - 2. State of Illinois, Department of Personnel, Administration and Organizational Behavior
  - 3. U.S. Department of Transportation, National Highway Institute
    - a) Positive Guidance in Traffic Control
    - b) Access Management for Streets and Highways
  - 4. American Society of Civil Engineers, Detention/Retention in Urban Surface Water Management
  - 5. Federal Mediation & Conciliation Service, Human Relations and Communications in Contract Administration

### IV. PROFESSIONAL LICENSES

- A) Registered Professional Engineer, State of Missouri  
#EN 013928
- B) Registered Professional Engineer, State of Illinois  
#062-029109

### V. PROFESSIONAL ORGANIZATIONS

- A) National Society of Professional Engineers  
1980 to Present
  - 1. Engineering Week presentations at area Junior and Senior High Schools
  - 2. Legislative Committee
  - 3. Ethics Committee

- B) American Road and Transportation Builders Association  
(ARTBA) 1985 to Present
- C) Illinois Association of County Engineers, 1985 to Present
  - 1. Member, Board of Directors 1994-1995
  - 2. Chairman, Policy Committee 1990
  - 3. Chairman, Paper Work Production Committee with  
IDOT 1991
  - 4. Chairman, Professional Status & Welfare Committee  
1996
- D) Public Works Officials of Southwestern Illinois

#### IV. Community Service

- A) School Board
  - 1. School Board Member for 4 years of a parochial school  
and President 1 year
  - 2. School Board Member for 3 years of a parochial high  
school
- B) Belle-Scott Committee
- C) Knights of Columbus
- D) YMCA

WEPQUAL

GEORGE H. GRESS  
34 WILLOW CREEK DRIVE  
HIGHLAND, IL 62249

RESUME OF QUALIFICATIONS  
(618) 346-3339 (Office)  
(618) 654-9527 (Home)

---

**SUMMARY OF  
QUALIFICATIONS:**

- \*Thirty-two (32) years of construction and design experience.
- \*Able to carry out projects independently, according to plans and specifications.
- \*Proven supervisory skills.
- \*Effective in dealing with the public and solving problems.
- \*Registered Illinois Professional Engineer

**EDUCATION:**

University of Missouri - Rolla  
Rolla, MO

- Received Masters Degree in Engineering Management in 1975.
- Received Bachelors Degree in Civil Engineering in 1966.

**EXPERIENCE:**

**Illinois Department of Transportation**  
**District 8, CE V**

**1991-Present**

- Served as Supervising Field Engineer in Bureau of Local Roads
- Monitor and coordinate the status of all federal aid projects to ensure letting schedules are met.
- Responsible to recommend approval of MFT and TBP plans after all documents have been reviewed.
- Review and approve engineering agreements.
- Responsible for programming Federal projects for the multi-year program including STU, STR and BRP programs.
- Responsible for proper control and expenditure of MFT, TBP, STR, and HBRRP funds.
- Ensure that all MFT and Township Bridge lettings are accomplished in accordance with Administrative Policy Manual.
- Provide engineering construction expertise to local agencies involved in MFT and TBP projects to assure compliance with contract provisions. Responsible to ensure that all forms and reports are submitted in a timely manner.
- Responsible for determining multi-year hazard elimination safety and rail highway safety programs for district.

**1985-1991**

**Illinois Department of Transportation**  
**District 8, CE IV**

- Served as Technical Services Engineer in Bureau of Local Roads.
- Responsible for review of all waterway openings for local agency structures within guidelines adopted by Department.
- Responsible for coordinating projects from the planning and programming phase to final PS&E approval to assure that each project is available for letting on schedule.
- Responsible for reviewing local agency projects to assure that all projects are completed in accordance with the policies, standards and procedures of the Department and the Federal Highway Administration.
- Responsible for preparing the annual program for local agencies' Federal projects and annual safety program.
- Supervise subordinates to ensure the efficient and timely completion of their assignments.

**1980-1985**

**Illinois Department of Transportation**  
**District 8, CE III**

- Served as resident engineer for the construction of Interstate 270 and Interstate 64 interchange.
- Responsible for contract compliance for the \$10.5 million project.
- Supervised numerous personnel in construction layout and inspection work required for the project.
- In charge of quality control.
- Dealt with the public.
- Resolved complaints by adjacent property owners and travelers.

**1976-1980**

**Illinois Department of Transportation**  
**District 8, CE II & CE III**

- Worked as assistant squad leader in the Bureau of Design.
- Planned drainage for the Interstate 270 and Interstate 64 interchange.
- Responsible for pavement design on parts of Interstate 270.
- Checked consultant's plans for various highway projects.
- Supervised other squad members working on highway design projects.

**1968-1976**

**Illinois Department of Transportation**  
**District 8, CE II**

- Served as resident engineer on numerous construction projects within District 8.

**ADDITIONAL  
EXPERIENCE:**

Successfully completed ALPS Program